

PTO/SB/82 (05-03)

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**REVOCATION OF POWER OF
ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	10/009,231
Filing Date	4/9/2002
First Named Inventor	Suner et al.
Art Unit	1646
Examiner Name	
Attorney Docket Number	50368/PPDUSPCT

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

☒ A power of Attorney or Authorization of Agent is submitted herewith.

OR

☐ Please change the correspondence address for the above-identified application to:☐ Customer Number

Place Customer
Number Bar Code
Label here

OR

☐ Firm or
Individual Name

Address

Address

City

Country

State

Zip

Telephone

Fax

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Name

Mary Kakefuda on behalf of Syngenta Limited

Signature

Date

6/13/03

Telephone

919-765-5071

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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JUN 18 2003

TECH CENTER 1600/290

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Marie-Marthe Suner et al.Application No./Patent No.: 10/009,231 Filed/Issue Date: 4/9/2002Entitled: Undifferentiated Erythroid Cells and Their Use in Ligand Binding AssaysSyngenta Limited, a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

6/13/03
Date
919-765-5071
Telephone number

Mary Kakefuda for Syngenta Limited
Typed or printed name
Mary Kakefuda
Signature
Patent Attorney
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



TO ALL TO WHOM THESE PRESENTS shall come
I, ANDREW MICHAEL JACKSON, Notary Public by
Royal Authority duly admitted and sworn practising at
Guildford in the County of Surrey in the United
Kingdom of Great Britain and Northern Ireland

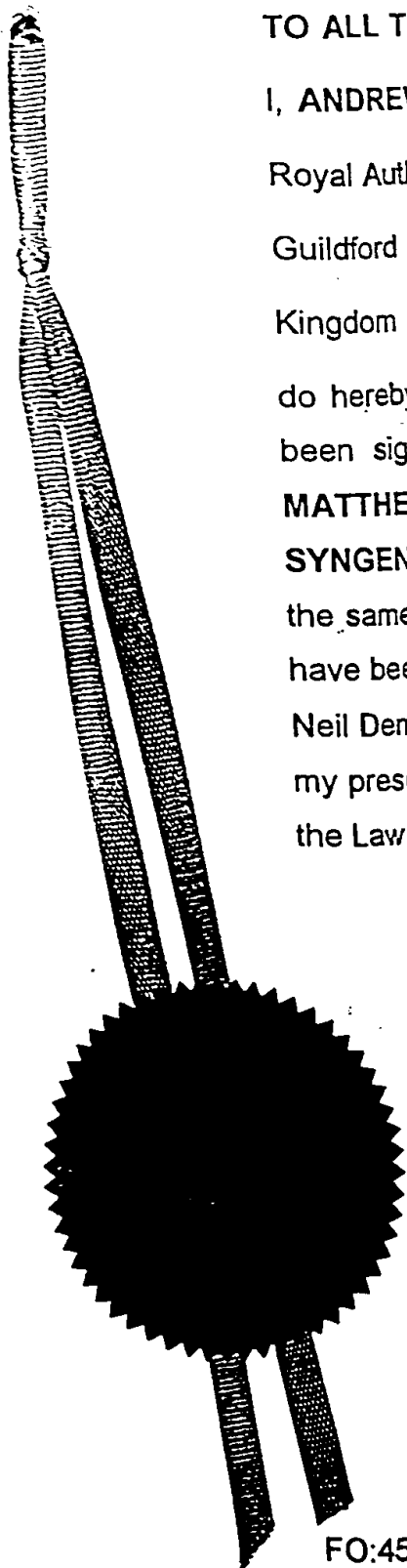
do hereby certify that the Power of Attorney annexed hereto has
been signed as a Deed by NEIL DEMPSEY a Director and
MATTHEW DAVID BAYLISS the Secretary on behalf of
SYNGENTA LIMITED a company registered in England and that
the same "N Dempsey" and "Matthew Bayliss" thereto subscribed
have been compared with specimens of the signatures of the said
Neil Dempsey and Matthew David Bayliss held by me and made in
my presence AND THAT the Deed so signed is in accordance with
the Law of England and Wales and binding on the Company

IN FAITH AND TESTIMONY
whereof I have hereunto
subscribed my name and affixed
my Seal of Office this 20th day of
November in the year of Our Lord
Two thousand and two

Notary Public
Guildford

FO:458:2:D2957

My commission expires with life



BY THIS
organi
regis
R

APOSTILLE

(Hague Convention of 5 October 1961 / Convention de La Haye du 5 octobre 1961)

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

1. Country: United Kingdom of Great Britain and Northern Ireland
Pays: Royaume-Uni de Grande-Bretagne et d'Irlande du Nord

This public document / Le présent acte public

2. Has been signed by A M Jackson
a été signé par

3. Acting in the capacity of Notary Public
agissant en qualité de

4. Bears the seal/stamp of The Said Notary Public
est revêtu du sceau/timbre de

5. at London/à Londres

Certified/Attesté
6. the/le 03 December 2002

7. by Her Majesty's Principal Secretary of State for Foreign and Commonwealth Affairs /
par le Secrétaire d'Etat Principal de Sa Majesté aux Affaires Etrangères et du Commonwealth.

8. Number/sous No

G068426

9. Stamp:
timbre:

10. Signature: J. M. A. Mason



For the Secretary of State / Pour le Secrétaire d'Etat

**SYNGENTA LIMITED
POWER OF ATTORNEY**

BY THIS POWER OF ATTORNEY SYNGENTA LIMITED a Company duly organised and existing under and by virtue of the laws of England and having its registered office at Syngenta, European Regional Centre, Priestley Road, Surrey Research Park, Guildford, Surrey GU2 7YH, United Kingdom (hereinafter called "the Company")

(A) **HEREBY** nominates constitutes and appoints

ALLEN Rose;
AMATO Antonio;
ANDREWS Christopher Dr;
BASTIAN Werner Dr;
BIDDLE Jennifer;
BIONDINI Flavio;
BLIND Valerie;
BOWDICH Julie;
BUTLER James Dr;
CALLAGY Shelley;
CERONI Jocelyne;
CHANDLER Joanna;
CLAUSWITZ Kai-Uwe Dr;
COLLINS Jane;
DAMMANN Michael;
DOWLING Clare;
EBINGER-ZOELD Cornelia;
ELLIOTT Kathryn Dr;
EMMENEGGER Alice;
FEEHAN Jessica;
FELIX Franz Dr;
FLATTERY Marian;
FRANIER Lea;
GRIMM Marie-Christine;
GUERNE Patrice;
GAAL Jozsef Dr;
HARDY Melissa ;
HAUGG Rudolf ;
HAMILTON Thomas ;
HAYES Laneisha ;
HOFMANN Joachim ;
HOHENBERGER Klaus Dr ;
HOELSCHER Ingo Dr ;
HOLDER Susan;
HOUGHTON Malcolm;

HUSKISSON Frank;
KAKEFUDA Mary;
LEBEL Edouard Dr;
LEE Michael;
MORTON Marcia Dr;
NOLAN James;
OSBORN Martin Dr;
PALMER Sarah Dr;
PETERS Cassandra;
ROEHRL Gerhard Dr;
RICKS Michael Dr;
RUDD Ann ;
SCHILLER Cornelia ;
SCHWARTZ Randee;
SHIRLING Pamela;
SITZLER-SPICHER Lilly;
SOUTHERN David;
SMOLDERS Walter;
STEHLI VOGLER Helene;
STEHLIN Astrid;
STEINER Katrin;
STULTS Larry Dr;
SWIFT Jane;
TARRY Anne;
TEOLI William;
TORCHIA Timothy Dr;
VOEGELI-LANGE Regina Dr;
VRANA Bruce;
WAESPE Hans-Rudolf Dr;
WARD Steven;
WARREN Greg;
WATERMAN Richard;
WEICHSEL Christian Dr;
WRIGHT Kimberly;
YATES Michael;
ZELLINGER James

to be the true and lawful Attorneys of the Company (hereinafter referred to as "the Attorneys") for and on behalf of the Company jointly and severally to act throughout the world in the matters set out below relating to applications for Patents for Inventions (which terms shall include certificates of supplementary protection inventorship certificates and the like) (hereinafter referred to as "Patents") and to the registration of Designs, Design Rights, Utility Models, Plant Variety Rights and equivalent rights and Copyright (hereinafter referred to as "Other Intellectual Property") already filed or hereafter to be filed in the name of the Company (whether solely or jointly with one or more other parties) that is to say

- (1) to prepare and file all documents, requests and declarations for obtaining the grant of Patents and extensions of term thereof, and for obtaining and maintaining the registration of Other Intellectual Property; including power to sign and execute applications for European Patents and to sign and execute all other documents pursuant to all proceedings established by the European Patent Convention; including power to sign and execute applications under the Patent Cooperation Treaty and to sign and execute all other documents pursuant to all proceedings established by the Patent Cooperation Treaty
- (2) to apply for and obtain any certificates of registration and renewal;
- (3) to pay the lawful fees and taxes and receive all official certificates;
- (4) to recover any documents relating to any such applications as aforesaid as well as any fees and taxes that may have been paid;
- (5) to apply for copies or duplicates of any official certificates;
- (6) to appoint and instruct any Counsel, Solicitor, Patent Attorney or other professional representative or agent (whether or not an employee of the Company) to represent the Company in any and all matters relating to the application for, prosecution, maintenance, renewal, amendment, cancellation or abandonment of Patents and Other Intellectual Property belonging to the Company including the defence of oppositions or petitions for revocation or cancellation or like proceedings respecting such Patents and Other Intellectual Property belonging to other parties and to revoke and cancel all or any such appointments and instructions;

AND GENERALLY to do, sign, execute, give and accept all such deeds, documents, acts, notices, requisitions, communications and things as may be necessary for all or any of the purposes aforesaid; and

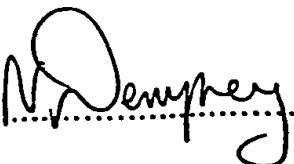
(B) HEREBY confirms and ratifies and, for itself and its successors and assigns, covenants to confirm and ratify whatsoever the Attorneys jointly or severally shall lawfully do or cause to be done by virtue of those presents.

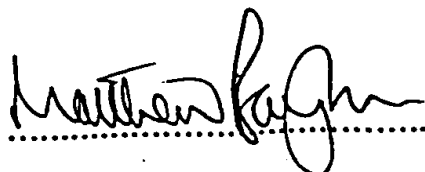
(C) HEREBY REVOKES the Power of Attorney dated 1st July 2002.

This Power of Attorney shall cease to have effect on 31 December 2003. The Company may revoke this Power of Attorney in respect of any individual Attorney before 31 December 2003 by giving that person notice of revocation in writing.

IN WITNESS whereof this power of attorney has been executed as a deed this
2 day of NOVEMBER 2002.

Signed as a Deed by SYNGENTA LIMITED

.....COMPANY DIRECTOR

.....COMPANY SECRETARY

ASSIGNMENT OF INVENTION

I, **SUNER, Marie-Marthe**
WINDASS, John
EARLEY, Fergus Gerard Paul
DUNBAR, Stuart John
BLYTHE, Judith Leslie

Residing at Syngenta Limited, Jealott's Hill International Research Centre, Bracknell, Berkshire
RG42 6EY, UK

for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign to **Syngenta Limited**, a company organized under the laws of the Swiss Confederation, having a place of business at European Regional Centre, Priestley Road, Surrey Research Park, Guildford, Surrey GU2 7YH, UK, its successors, assigns and legal representatives, all my right, title and interest, which includes the right to and full benefit of such priorities as may now or hereafter be granted to me by local laws or by treaty, including any International convention for the protection of industrial property, in and for the United States and its territories and possessions in and to the invention entitled:

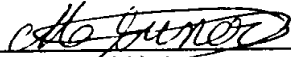
UNDIFFERENTIATED ERYTHROID CELLS AND THEIR USE IN LIGAN BINDING ASSAYS


invented by me and described in the application for United States Letters Patent

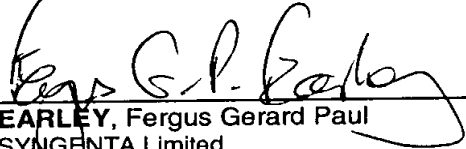
Application No. **10/009,231** filed on **November 5, 2001**


including (1) said application for United States Letters Patent and all continuations and divisions thereof (including further continuations and divisions such as, but not limited to, continuations of continuations and divisions of continuations), (2) all United States Letters Patent which may be issued and/or granted on all such applications, (3) all applications for reissues and extensions of and reexamination certificates for all such United States Letters Patent and (4) all reissues and extensions and reexamination certificates issued for all such United States Letters Patent, the said interest being the entire ownership of said invention and all of said applications, United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates to be held and enjoyed by the said Syngenta Participations AG and its successors and assigns to the full end of the terms to which said United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates may be granted and/or issued, as fully and entirely as the same would have been held and enjoyed by me if this sale, assignment and transfer had not been made;

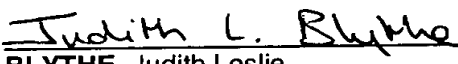
And I hereby agree to sign and/or execute any further documents and/or instruments which may be necessary, lawful and proper in and/or for the filing and/or prosecution of said applications for United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates and/or the granting and/or issuance thereof and/or to otherwise secure title to said invention and all of said applications, United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates in said assignee.

Signed this 17th day of April, 2003 by 
SUNER, Marie-Marthe
 SYNGENTA Limited
 Jealott's Hill International Research Centre
 Bracknell, Berkshire RG42 6EY, UK

Signed this 15th day of April, 2003 by 
WINDASS, John
 SYNGENTA Limited
 Jealott's Hill International Research Centre
 Bracknell, Berkshire RG42 6EY, UK

Signed this 5th day of March, 2003 by 
EARLEY, Fergus Gerard Paul
 SYNGENTA Limited
 Jealott's Hill International Research Centre
 Bracknell, Berkshire RG42 6EY, UK

Signed this 19th day of March, 2003 by 
DUNBAR, Stuart John
 SYNGENTA Limited
 Jealott's Hill International Research Centre
 Bracknell, Berkshire RG42 6EY, UK

Signed this 18th day of March, 2003 by 
BLYTHE, Judith Leslie
 SYNGENTA Limited
 Jealott's Hill International Research Centre
 Bracknell, Berkshire RG42 6EY, UK